

# MATERIAL SAFETY DATA SHEET

## • Section 1 – PRODUCT IDENTIFICATION

MANUFACTURER'S NAME DEARBORN CHEMICAL CO., Subsidiary, W. R. Grace & Co.		EMERGENCY PHONE NO. 312/438-8241
ADDRESS 300 Genesee St., Lake Zurich, IL 60047		
CHEMICAL NAME AND SYNONYMS Boiler water treatment	TRADE NAME OR CODE IDENT. SLUDGTROL® 600	

## • Section 2 – INGREDIENTS

CAS No.

%

EXPOSURE CRITERIA

### NON-HAZARDOUS MATERIAL

The product identified in this Data Sheet is NOT a hazardous material within the meaning of Title 29, Code of Federal Regulations 1915, 1916, 1917.

NFPA: 0-0-0

## • Section 3 – PHYSICAL DATA

BOILING POINT, 760mm Hg	approx.	212° F.	MELTING POINT	N/A
SPECIFIC GRAVITY (H <sub>2</sub> O = 1)		1.03	VAPOR PRESSURE @ 25°C. approx.	23 mm Hg
VAPOR DENSITY (AIR = 1)		N/K	SOLUBILITY IN H <sub>2</sub> O, % BY WT.	Complete
% VOLATILES BY VOLUME		N/K	EVAPORATION RATE, _____ = 1	N/K
APPEARANCE AND ODOR	Brown liquid		pH	9.2

## • Section 4 – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (and Method Used) None	FLAMMABLE LIMITS in AIR, % by VOLUME LOWER N/A      UPPER N/A	AUTO IGNITION TEMPERATURE N/A
EXTINGUISHING MEDIA <input type="checkbox"/> Water Fog <input type="checkbox"/> Foam <input type="checkbox"/> CO <sub>2</sub> <input type="checkbox"/> Dry Chemical <input type="checkbox"/> Other		

SPECIAL FIRE FIGHTING PROCEDURES

None

UNUSUAL FIRE AND EXPLOSION HAZARD

None

## • Section 5 – REACTIVITY DATA

STABILITY (Normal Conditions) <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	CONDITIONS TO AVOID None
INCOMPATIBILITY (Materials to Avoid) With strong acid and oxidizing material	

HAZARDOUS DECOMPOSITION PRODUCTS

None

HAZARDOUS POLYMERIZATION

CONDITIONS TO AVOID

☐ May Occur    ☒ Will Not Occur

None

(over)

## • Section 6 HEALTH HAZARD INFORMATION

## EXPOSURE LIMIT

Not established

## EFFECTS OF OVEREXPOSURE

## INHALATION

Not expected

## INGESTION

May be harmful if swallowed. If ingested, drink water or citrus juice to dilute or cause vomiting with emetic.

## SKIN OR EYE CONTACT

Product may irritate skin and eyes. Flush eyes with water, and wash skin. If irritation occurs, contact physician.

## EMERGENCY AND FIRST AID PROCEDURES

See above

## • Section 7 - SPECIAL PROTECTION INFORMATION

## VENTILATION REQUIREMENTS

Mechanical ventilation is adequate

## RESPIRATORY PROTECTION (Specify Type)

None

## EYE PROTECTION

Goggles or face shield

## GLOVES (Specify Type)

Rubber or PVC

## OTHER PROTECTIVE CLOTHING AND EQUIPMENT (Specify Type)

None

## • Section 8 SPILL OR LEAK PROCEDURES

## STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

Collect using absorbent, place in container for proper disposal. Flush area of spill with water.

## WASTE DISPOSAL METHOD

Dispose using chemical scavenger service in authorized landfill. For additional disposal instructions, contact your state water pollution control agency. This product is NOT an EPA Hazardous Waste.

## • Section 9 - SPECIAL PRECAUTIONS

## PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Keep container closed when not in use and protect from freezing and physical damage. Product freezes at 30° F.

OTHER PRECAUTIONS For industrial use only; keep out of reach of children.

Shipping Name: DOT NOT RESTRICTED - Compound Boiler Cleansing, Preserving, Scale Removing Liquid  
IATA

Prepared By W. M. Morris

Date: 7/78 (Revised 2/80) (Rev. 11/84)

MEDICAL EMERGENCY ONLY, 24 HOUR SERVICE: 1-800-328-0026

ECOLAB INC ECOLAB CENTER  
ST. PAUL MN 55102PRODUCT INFORMATION: 1-612-293-2233  
DATE OF ISSUE: AUGUST 17, 1989

## =====

## 1.0 IDENTIFICATION /

1.1 PRODUCT NAME: SOLID POWER DET

1.2 PRODUCT TYPE: HIGH ALKALINE SOLID AUTOMATIC DISHMACHINE DETERGENT

++ SECTION 2 PROVIDES SARA SECTION 313 REPORTING INFORMATION ++

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## 2.0 HAZARDOUS COMPONENTS /

AIR LIMITS (MG/M3)

	%	PEL	OTHER
2.1 SODIUM HYDROXIDE (CAUSTIC SODA) 1310-73-2	50	2 C	2 C

THIS PRODUCT CONTAINS NO OTHER COMPONENT CONSIDERED HAZARDOUS  
ACCORDING TO THE CRITERIA OF 29 CFR 1910.1200.

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## 3.0 PHYSICAL DATA /

3.1 APPEARANCE AND ODOR: BLUE SOLID; NO ODOR

3.2 SOLUBILITY IN WATER: COMPLETE

3.3 PH: (0.2%) 12.0-13.0

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## 4.0 FIRE AND EXPLOSION DATA /

4.1 SPECIAL FIRE HAZARDS: NONE

4.2 FIRE FIGHTING METHODS: PRODUCT DOES NOT SUPPORT COMBUSTION.

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## 5.0 REACTIVITY DATA /

5.1 STABILITY: STABLE UNDER NORMAL CONDITIONS OF HANDLING.

5.2 CONDITIONS TO AVOID: REACTS VIOLENTLY WITH ACIDS. REACTS WITH  
SOFT METALS SUCH AS ALUMINUM AND ZINC.

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## 6.0 SPILL OR LEAK PROCEDURES / USE PROPER PROTECTIVE EQUIPMENT

6.1 CLEANUP: PICK UP WITHOUT RAISING DUST. FLUSH AREA WITH WATER.

6.2 WASTE DISPOSAL: CONSULT STATE AND LOCAL AUTHORITIES FOR  
RESTRICTIONS ON DISPOSAL OF CHEMICAL WASTE.

UNK = UNKNOWN AT THIS TIME

PEL = PERMISSIBLE EXPOSURE LIMIT

TLV = THRESHOLD LIMIT VALUE

STEL = SHORT TERM EXPOSURE LEVEL

C = CEILING LIMIT, NOT TO BE EXCEEDED

PRODUCT: SOLID POWER DET  
ECOLAB INC ECOLAB CENTER  
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PAGE 2 OF 2  
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7.0 HEALTH HAZARD DATA /

DANGER

7.1 EFFECTS OF OVEREXPOSURE:

SKIN AND EYES: CAUSES SEVERE CHEMICAL BURNS. EYE CONTACT MAY CAUSE BLINDNESS. HARMFUL SKIN CONTACT MAY NOT CAUSE IMMEDIATE PAIN.

++ IMMEDIATE WATER FLUSHING IS VITAL IN CASE OF EYE CONTACT. ++  
IF SWALLOWED: HARMFUL OR FATAL. CAUSES CHEMICAL BURNS OF MOUTH, THROAT AND STOMACH.

8.0 FIRST AID /

8.1 EYES: IMMEDIATELY FLUSH WITH PLENTY OF COOL RUNNING WATER. REMOVE CONTACT LENSES. CONTINUE FLUSHING FOR AT LEAST 15 MINUTES, HOLDING EYELIDS APART TO ENSURE RINSING OF THE ENTIRE EYE.

CALL A PHYSICIAN IMMEDIATELY.

8.2 SKIN: IMMEDIATELY FLUSH SKIN WITH PLENTY OF COOL RUNNING WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. WASH CLOTHING BEFORE REUSE.

8.3 IF SWALLOWED: RINSE MOUTH AT ONCE; THEN DRINK 1 OR TWO LARGE GLASSES OF WATER OR MILK. DO NOT INDUCE VOMITING. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

CALL A POISON CONTROL CENTER OR PHYSICIAN IMMEDIATELY

9.0 SPECIAL PROTECTION INFORMATION /

DUE TO THE SOLID FORM OF THIS PRODUCT NO SPECIAL PROTECTION IS NECESSARY UNDER NORMAL USE CONDITIONS. THE FOLLOWING PROTECTION IS ADVISABLE IF EXPOSURE TO THIS PRODUCT OR TO ITS USE SOLUTIONS IS LIKELY.

9.1 SKIN: RUBBER GLOVES - PROTECTIVE CUFF OR GAUNTLET TYPE PREFERRED.

9.2 EYES: SPLASHPROOF GLASSES, GOGGLES OR FACE SHIELD.

9.3 OTHER: AVOID CONTACT WITH USE SOLUTIONS. THESE MAY ALSO BE HAZARDOUS.

10.0 ADDITIONAL INFORMATION/PRECAUTIONS /

10.1 DOT CLASS: CORROSIVE MATERIAL UN 1759

KEEP OUT OF REACH OF CHILDREN

THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT WITH RESPECT TO THE FORMULA USED TO MANUFACTURE THE PRODUCT. AS DATA, STANDARDS AND REGULATIONS CHANGE, AND CONDITIONS OF USE AND HANDLING ARE BEYOND OUR CONTROL, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.

MEDICAL EMERGENCY ONLY, 24 HOUR SERVICE: 1-800-328-0026

ECOLAB INC ECOLAB CENTER  
ST. PAUL MN 55102PRODUCT INFORMATION: 1-612-293-2233  
DATE OF ISSUE: SEPTEMBER 20, 1989

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1.0 IDENTIFICATION /

- 1.1 PRODUCT NAME: SOLITAIRE  
1.2 PRODUCT TYPE: SOLID HAND DISH DETERGENT

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++ SECTION 2 PROVIDES SARA SECTION 313 REPORTING INFORMATION ++

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## 2.0 HAZARDOUS COMPONENTS /

AIR LIMITS (MG/M3)

- |   | %  | PEL  | OTHER |
|---|----|------|-------|
| 2.1 SODIUM DODECYLBENZENESULFONATE 25155-30-0 | 40 | NONE | UNK   |
| 2.2 SODIUM LAURYL ETHER SULFATE 9004-82-4     | 12 | NONE | UNK   |

THIS PRODUCT CONTAINS NO OTHER COMPONENT CONSIDERED HAZARDOUS  
ACCORDING TO THE CRITERIA OF 29 CFR 1910.1200.

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3.0 PHYSICAL DATA /

- 3.1 APPEARANCE AND ODOR: PINK SOLID; LEMON ODOR.  
3.2 SOLUBILITY IN WATER: COMPLETE  
3.3 PH: 1% = 7.5-9.0

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4.0 FIRE AND EXPLOSION DATA /

- 4.1 SPECIAL FIRE HAZARDS: NONE  
4.2 FIRE FIGHTING METHODS: PRODUCT DOES NOT SUPPORT COMBUSTION.

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5.0 REACTIVITY DATA /

- 5.1 STABILITY: STABLE UNDER NORMAL CONDITIONS OF HANDLING.  
5.2 CONDITIONS TO AVOID: DO NOT MIX WITH ANYTHING BUT WATER.

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6.0 SPILL OR LEAK PROCEDURES / USE PROPER PROTECTIVE EQUIPMENT

- 6.1 CLEANUP: PICK UP WITHOUT RAISING DUST. FLUSH AREA WITH WATER.  
6.2 WASTE DISPOSAL: CONSULT STATE AND LOCAL AUTHORITIES FOR  
RESTRICTIONS ON DISPOSAL OF CHEMICAL WASTE.

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UNK = UNKNOWN AT THIS TIME      PEL = PERMISSIBLE EXPOSURE LIMIT  
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PAGE 2 OF 2  
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7.0 HEALTH HAZARD DATA /

CAUTION

7.1 EFFECTS OF OVEREXPOSURE:

SKIN AND EYES: MAY CAUSE IRRITATION.

IF SWALLOWED: MAY CAUSE STOMACH DISTRESS, NAUSEA OR VOMITING.

8.0 FIRST AID /

8.1 EYES: FLUSH IMMEDIATELY WITH PLENTY OF COOL RUNNING WATER. REMOVE CONTACT LENSES. CONTINUE FLUSHING FOR 15 MINUTES.

8.2 SKIN: FLUSH SKIN WITH PLENTY OF COOL RUNNING WATER.

8.3 IF SWALLOWED: RINSE MOUTH; THEN DRINK 1 OR 2 LARGE GLASSES OF WATER. DO NOT INDUCE VOMITING. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

IF IRRITATION OR DISCOMFORT PERSISTS, CALL A PHYSICIAN.

9.0 SPECIAL PROTECTION INFORMATION /

9.1 NO REQUIREMENTS BEYOND STANDARD INDUSTRIAL HYGIENE PRACTICES.

10.0 ADDITIONAL INFORMATION/PRECAUTIONS /

10.1 DOT CLASS: NOT DOT REGULATED.

KEEP OUT OF REACH OF CHILDREN

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